



<223> Kex2 cleavage site

<400> 217

Glu Ala Glu Ala Glu Phe

1 5

<210> 218

<211> 387

<212> DNA

<213> Dermatophagoides pteronyssinus

<220>

<221> CDS

<222> (1) .. (387)

<220>

<221> mutation

<222> (16) .. (18)

<220>

<221> mutation

<222> (43) .. (45)

<220>

<221> mutation

<222> (88) .. (90)

<220>

<221> mutation

<222> (184) .. (186)

<220>

<221> mutation

<222> (220) .. (222)

<220>

<221> mutation

<222> (244) .. (246)

<400> 218

gat caa gtc gat gtc gcc gat tgt gcc aac cat gaa atc aaa gaa gtt 48

Asp Gln Val Asp Val Ala Asp Cys Ala Asn His Glu Ile Lys Glu Val

1 5 10 15

ttg gta cca gga tgt cat ggt tca gaa cca tgt atc att aac cgt ggt 96

Leu Val Pro Gly Cys His Gly Ser Glu Pro Cys Ile Ile Asn Arg Gly

20 25 30

aaa cca ttc caa ttg gaa gcc gtt ttc gaa gcc aac caa aac aca aaa 144

Lys Pro Phe Gln Leu Glu Ala Val Phe Glu Ala Asn Gln Asn Thr Lys

35 40 45

acc gct aaa att gaa atc aaa gcc tca atc gat ggt tta tca gtt gat 192  
 Thr Ala Lys Ile Glu Ile Lys Ala Ser Ile Asp Gly Leu Ser Val Asp  
 50 55 60

gtt ccc ggt atc gat cca aat gca tgc aat tac atg aaa tgc cca ttg 240  
 Val Pro Gly Ile Asp Pro Asn Ala Cys Asn Tyr Met Lys Cys Pro Leu  
 65 70 75 80

gtt aat gga caa caa tat gat att aaa tat aca tgg aat gtt ccg aaa 288  
 Val Asn Gly Gln Gln Tyr Asp Ile Lys Tyr Thr Trp Asn Val Pro Lys  
 85 90 95

att gca cca aaa tct gaa aat gtt gtc gtc act gtt aaa gtt atg ggt 336  
 Ile Ala Pro Lys Ser Glu Asn Val Val Val Thr Val Lys Val Met Gly  
 100 105 110

gat gat ggt gtt ttg gcc tgt gct att gca act cat gct aaa atc cgc 384  
 Asp Asp Gly Val Leu Ala Cys Ala Ile Ala Thr His Ala Lys Ile Arg  
 115 120 125

gat 387  
 Asp

<210> 219  
 <211> 129  
 <212> PRT  
 <213> Dermatophagoides pteronyssinus

<400> 219

Asp Gln Val Asp Val Ala Asp Cys Ala Asn His Glu Ile Lys Glu Val  
 1 5 10 15

Leu Val Pro Gly Cys His Gly Ser Glu Pro Cys Ile Ile Asn Arg Gly  
 20 25 30

Lys Pro Phe Gln Leu Glu Ala Val Phe Glu Ala Asn Gln Asn Thr Lys  
 35 40 45

Thr Ala Lys Ile Glu Ile Lys Ala Ser Ile Asp Gly Leu Ser Val Asp  
 50 55 60

Val Pro Gly Ile Asp Pro Asn Ala Cys Asn Tyr Met Lys Cys Pro Leu  
 65 70 75 80

Val Asn Gly Gln Gln Tyr Asp Ile Lys Tyr Thr Trp Asn Val Pro Lys  
 85 90 95

Ile Ala Pro Lys Ser Glu Asn Val Val Val Thr Val Lys Val Met Gly  
100 105 110

Asp Asp Gly Val Leu Ala Cys Ala Ile Ala Thr His Ala Lys Ile Arg  
115 120 125

Asp